

Xiang Li

List of Publications by Year in descending order

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34
papers

2,323
citations

236925

25
h-index

377865

34
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35
docs citations

35
times ranked

3204
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-layered composite nanofiber membrane with Cu-BTC-modified electrospun nanofibers and biopolymeric nanofibers for the removal of uremic toxins and its application in hemodialysis. <i>Journal of Membrane Science</i> , 2022, 642, 119964.	8.2	24
2	Flexible Zr-MOF anchored polymer nanofiber membrane for efficient removal of creatinine in uremic toxins. <i>Journal of Membrane Science</i> , 2022, 648, 120369.	8.2	15
3	Self-supporting flexible metal-organic framework-based electrospun nanofibers membrane for efficient removal of tetracycline from aqueous solutions. <i>Journal of Solid State Chemistry</i> , 2022, 312, 123233.	2.9	8
4	A Novel Hollow Carbon@MnO ₂ Electrospun Nanofiber Adsorbent for Efficient Removal of Pb ²⁺ in Wastewater. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 496-504.	2.6	12
5	Preparation of MnO ₂ Loaded Hydrothermal Carbon-coated Electrospun PAN Fiber Membranes for Highly Efficient Adsorption and Separation of Cationic Dye. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1292-1301.	2.6	8
6	Preparation of polydopamine-modified zeolitic imidazolate framework-8 functionalized electrospun fibers for efficient removal of tetracycline. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 506-516.	9.4	72
7	Highly flexible magnesium silicate nanofibrous membranes for effective removal of methylene blue from aqueous solution. <i>Chemical Engineering Journal</i> , 2019, 359, 1603-1616.	12.7	74
8	Electrospun poly(vinylidene fluoride)-zinc oxide hierarchical composite fiber membrane as piezoelectric acoustoelectric nanogenerator. <i>Journal of Materials Science</i> , 2019, 54, 2754-2762.	3.7	57
9	Synthesis and characterization of tigeicycline-loaded sericin/poly(vinyl alcohol) composite fibers via electrospinning as antibacterial wound dressings. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 440-447.	3.0	48
10	Facile hydrothermal synthesis of branched polyethylenimine grafted electrospun polyacrylonitrile fiber membrane as a highly efficient and reusable bilirubin adsorbent in hemoperfusion. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 675-685.	9.4	58
11	Polydopamine coating assisted synthesis of MnO ₂ loaded inorganic/organic composite electrospun fiber adsorbent for efficient removal of Pb ²⁺ from water. <i>Chemical Engineering Journal</i> , 2018, 344, 277-289.	12.7	125
12	Novel approach for removing brominated flame retardant from aquatic environments using Cu/Fe-based metal-organic frameworks: A case of hexabromocyclododecane (HBCD). <i>Science of the Total Environment</i> , 2018, 621, 1533-1541.	8.0	61
13	Electrospun Filters for Heavy Metals Removal. , 2018, , 85-113.		0
14	Branched polyethylenimine grafted electrospun polyacrylonitrile fiber membrane: a novel and effective adsorbent for Cr(VI) remediation in wastewater. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1133-1144.	10.3	205
15	Preparation of molecularly imprinted sericin/poly(vinyl alcohol) electrospun fibers for selective removal of methylene blue. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 986-994.	2.6	17
16	A flexible magnesium silicate coated electrospun fiber adsorbent for high-efficiency removal of a toxic cationic herbicide. <i>New Journal of Chemistry</i> , 2017, 41, 15601-15611.	2.8	29
17	Chitosan surface modified electrospun poly(ϵ -caprolactone)/carbon nanotube composite fibers with enhanced mechanical, cell proliferation and antibacterial properties. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 708-715.	7.5	45
18	Functionalized magnetic iron oxide/polyacrylonitrile composite electrospun fibers as effective chromium (VI) adsorbents for water purification. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1018-1030.	9.4	61

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19	Enhanced adhesion and proliferation of human umbilical vein endothelial cells on conductive PANI-PCL fiber scaffold by electrical stimulation. <i>Materials Science and Engineering C</i> , 2017, 72, 106-112.	7.3	78
20	Electrospun mupirocin loaded polyurethane fiber mats for anti-infection burn wound dressing application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 162-176.	3.5	28
21	Diethylenetriamine-assisted synthesis of amino-rich hydrothermal carbon-coated electrospun polyacrylonitrile fiber adsorbents for the removal of Cr(VI) and 2,4-dichlorophenoxyacetic acid. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 297-309.	9.4	95
22	Hierarchical aminated PANI/AlOOH electrospun composite nanofibers and their heavy metal ion adsorption performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 62, 219-227.	5.3	63
23	Surface Activated Hydrothermal Carbon-Coated Electrospun PAN Fiber Membrane with Enhanced Adsorption Properties for Herbicide. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2584-2592.	6.7	75
24	Preparation of phosphorylated polyacrylonitrile-based nanofiber mat and its application for heavy metal ion removal. <i>Chemical Engineering Journal</i> , 2015, 268, 290-299.	12.7	148
25	Nitrofurazone-loaded electrospun PLLA/sericin-based dual-layer fiber mats for wound dressing applications. <i>RSC Advances</i> , 2015, 5, 16940-16949.	3.6	57
26	Water-insoluble sericin/β-cyclodextrin/PVA composite electrospun nanofibers as effective adsorbents towards methylene blue. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 375-382.	5.0	96
27	Synthesis of β-Cyclodextrin-Based Electrospun Nanofiber Membranes for Highly Efficient Adsorption and Separation of Methylene Blue. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26649-26657.	8.0	288
28	Electrospun chitosan/sericin composite nanofibers with antibacterial property as potential wound dressings. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 92-97.	7.5	195
29	Acyl thioacetamide-group chelated nanofiber to adsorb silver ions from aqueous systems. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 685-689.	2.6	4
30	Efficient adsorption of gold ions from aqueous systems with thioamide-group chelating nanofiber membranes. <i>Chemical Engineering Journal</i> , 2013, 229, 420-428.	12.7	131
31	Adsorption of As(III) from aqueous solution based on porous magnetic/chitosan/ferric hydroxide microspheres prepared via electro spraying. <i>Science China Chemistry</i> , 2013, 56, 678-684.	8.2	25
32	Efficient adsorption of As(V) on poly(acrylo-amidino ethylene amine) nanofiber membranes. <i>Science Bulletin</i> , 2013, 58, 1702-1707.	1.7	15
33	Polyacrylonitrile/manganese acetate composite nanofibers and their catalysis performance on chromium (VI) reduction by oxalic acid. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 439-445.	12.4	27
34	Preparation of bamboo-like PPy nanotubes and their application for removal of Cr(VI) ions in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 30-35.	9.4	75